

CLAIM AMENDMENTS

Change "Patent Claims:" to -- We claim --.

1 - 22 (canceled).

1 23. (new) A leveling bar for a coking oven, comprising:
2 a pair of mutually parallel spaced apart substantially
3 vertical cheeks extending over a length of a coke oven chamber;
4 a multiplicity of coal entrainers spaced apart over the
5 lengths of said cheeks, extending transversely between said cheeks,
6 connected to said cheeks and occupying only a part of a cross
7 sectional area of the leveling bar, said coal entrainers having
8 heights of the entire spacing between said cheeks which are at most
9 half the height of said cheeks; and
10 a baffle-free gas passage formed in said leveling bar
11 between said cheeks and above said coal entrainers over substan-
12 tially the length of said leveling bar.

1 24. (new) The leveling bar defined in claim 22 wherein
2 the number of said coal entrainers is selected so that a sum of
3 surfaces of said coal entrainers exposed between said cheeks is at
4 least equal to the sum of the exposed surfaces of coal entrainers
5 of conventional leveling bars without the passage.

-1 25. (new) The leveling bar defined in claim 23 wherein
12 the coal entrainers are spaced apart by a distance corresponding to
13 the height of the coal entrainers.

1 26. (new) The leveling bar defined in claim 23 wherein
2 the coal entrainers have different heights.

1 27. (new) The leveling bar defined in claim 23 wherein
2 the coal entrainers are oriented at angles to the vertical.

1 28. (new) The leveling bar defined in claim 23 wherein
2 the cheeks have wedge-shaped cross sections.

1 29. (new) The leveling bar defined in claim 23 wherein
2 said cheeks are perforated.

1 30. (new) The leveling bar defined in claim 23, further
2 comprising support and guide rollers engaging said leveling bar,
3 said rollers having a bevel.

1 31. (new) The leveling bar defined in claim 30, further
2 comprising a shifting device for laterally shifting said support
3 and guide rollers.

1 32. (new) The leveling bar defined in claim 23 wherein
2 said cheeks have openings laterally bounded by ribs oriented at
3 angles to the cheeks.

1 33. (new) The leveling bar defined in claim 23 wherein
2 said entrainers have openings.

1 34. (new) The leveling bar defined in claim 23 wherein
2 the leveling bar is sealed with a sealing and guide box.

1 35. (new) The leveling bar defined in claim 34 wherein
2 the sealing and guide box has support shafts for the leveling bar.

1 36. (new) A leveling bar for a coking oven, comprising:
2 a pair of mutually parallel spaced apart substantially
3 vertical cheeks extending over a length of a coke oven chamber;
4 a multiplicity of coal entrainers spaced apart over the
5 lengths of said cheeks, extending transversely between said cheeks,
6 connected to said cheeks and occupying only a part of a cross
7 sectional area of the leveling bar, said coal entrainers having
8 heights of the entire spacing between said cheeks which are at most
9 half the height of said cheeks;
10 a baffle-free gas passage formed in said leveling bar
11 between said cheeks and above said coal entrainers over substan-
12 tially the length of said leveling bar; and
13 said coal entrainers being movably fastened on said
14 cheeks.

1 37. (new) A leveling bar for a coking oven, comprising:
2 a pair of mutually parallel spaced apart substantially
3 vertical cheeks extending over a length of a coke oven chamber;
4 a multiplicity of coal entrainers spaced apart over the
5 lengths of said cheeks, extending transversely between said cheeks,
6 connected to said cheeks and occupying only a part of a cross

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7 sectional area of the leveling bar, said coal entrainers having
8 heights of the entire spacing between said cheeks which are at most
9 half the height of said cheeks;

10 a baffle-free gas passage formed in said leveling bar
11 between said cheeks and above said coal entrainers over substan-
12 tially the length of said leveling bar; and

13 movable coal scrapers on said cheeks.

1 38. (new) A leveling bar for a coking oven, comprising:
2 a pair of mutually parallel spaced apart substantially
3 vertical cheeks extending over a length of a coke oven chamber;

4 a multiplicity of coal entrainers spaced apart over the
5 lengths of said cheeks, extending transversely between said cheeks,
6 connected to said cheeks and occupying only a part of a cross
7 sectional area of the leveling bar, said coal entrainers having
8 heights of the entire spacing between said cheeks which are at most
9 half the height of said cheeks;

10 a baffle-free gas passage formed in said leveling bar
11 between said cheeks and above said coal entrainers over substan-
12 tially the length of said leveling bar; and

13 fluid conduits with nozzles arranged on said cheeks.